Index of Claims

| Application No. | Applicant(s)    | _ |
|-----------------|-----------------|---|
| 09/701,154      | FRIEDMAN ET AL. |   |
| Examiner        | Art Unit        | _ |
| Hosuk Song      | 2135            |   |

| <b> </b> √ | Rejected |
|------------|----------|
| _          | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Cla            | Date     |  |                 |   |          |          |          | Claim Date |                     |          |             |          |          |          | ]:::::  | C         | aim      | Date    |   |   |       |            |          |                     |          |          |          |                |          |          |           |
|----------------|----------|--|-----------------|---|----------|----------|----------|------------|---------------------|----------|-------------|----------|----------|----------|---------|-----------|----------|---------|---|---|-------|------------|----------|---------------------|----------|----------|----------|----------------|----------|----------|-----------|
| l _            | ल        | 11/  | ,               |   |          |          |          |            |                     |          |             | al       |          |          |         |           |          | Т       | T   | 1 |       |            |          |                     |          |          |          |                |          |          |           |
| Final          | Original | '&   |                 |   |          |          |          |            |                     |          | Final       | Original |          | ŀ        |         |           |          |         |   |   | Final | Original   | l .      |                     |          |          |          |                |          |          |           |
| i iII          | ō        | 04   |                 |   |          |          |          |            |                     |          | Œ           | Ö        |          |          |         |           |          |         |   |   | 证     | Ö          |          |                     |          |          |          |                |          |          |           |
| <b>—</b>       |          | _  | -               | _ | Н        |          |          | _          | -                   |          | <u> </u>    |          |          |          |         | 1         |          |         | <del> </del>  |   |       |            | _        |                     |          |          | _        |                |          | _        | _         |
| 2              | 2        | =  | ┼               |   | Н        |          | -        | _          | +-                  | $\vdash$ |             | 51<br>52 | $\dashv$ | +        | ╁       | $\vdash$  | $\dashv$ |         | ╁   |   |       | 101        | H        | Н                   | Н        |          |          |                |          |          | $\dashv$  |
| 3              | 3        | ╫  | $\vdash$        |   | Н        | -        | -        | -          | +                   | -        | <del></del> | 53       | -        | -        | -       | $\vdash$  | $\dashv$ |         | ╁╌  | 1 |       | 102<br>103 |          | -                   |          |          |          |                | $\dashv$ | $\dashv$ | $\dashv$  |
| 4              | 4        | ╁╂╌  | -               |   |          | -        |          | -          | +                   |          |             | 54       | $\dashv$ |          | +       | $\vdash$  | +        | -       | -   |   |       | 103        | $\vdash$ | $\vdash$            |          |          | $\vdash$ | $\dashv$       |          | $\dashv$ |           |
| 4              | 5        | 1  | $\vdash$        |   |          | -        |          | -          | T                   |          |             | 55       | $\dashv$ |          | +       | $\Box$    | o        | +       | $\vdash$  |   |       | 105        | $\vdash$ | $\vdash$            | _        |          | $\vdash$ | -              | $\dashv$ | $\dashv$ | $\dashv$  |
| 6              | 6        | $\top$   |                 |   |          |          |          | Τ          |                     |          |             | 56       | $\neg$   | <b>-</b> | 1       |           |          | +       | T   | 1 |       | 106        |          |                     |          |          |          |                | $\dashv$ | $\dashv$ | $\dashv$  |
| 7              | 7        |  |                 |   |          |          |          |            |                     |          |             | 57       | $\neg$   |          |         |           |          |         | 1   |   |       | 107        |          |                     |          |          |          |                |          | T        | $\exists$ |
| 8              | 8        | П  |                 |   |          |          |          |            |                     |          |             | 58       |          |          |         |           |          |         |   |   |       | 108        |          |                     |          |          |          |                | $\Box$   |          | $\sqcap$  |
| 9              | 9        | Ш  |                 |   | Ш        |          |          | L          |                     |          |             | 59       |          |          |         |           |          |         |   |   |       | 109        |          |                     |          |          |          |                |          |          |           |
| 10             | 10       | Н  | Ш               |   |          |          |          | L          | ₽.                  |          |             | 60       |          |          | ļ.,     |           |          | $\perp$ | <u> </u>  |   |       | 110        |          |                     |          |          |          |                |          |          |           |
| 11             | 11       | Н  |                 |   |          |          |          | <u> </u>   | _                   |          |             | 61       | 4        | 4.       | 4_      | $\sqcup$  |          |         | 4_  |   |       | 111        |          |                     |          |          |          |                |          |          |           |
| 12             | 12       | #  | $\vdash$        |   | Н        |          | <u> </u> | <u> </u>   |                     | <u> </u> |             | 62       | _        | _        | +       | $\vdash$  | -        | +       |   |   |       | 112        | <u> </u> | $\vdash \downarrow$ |          |          |          | $\Box$         |          |          | _         |
| 13<br>14<br>15 | 13<br>14 | ₩  | Н               |   | Н        | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$            | -        |             | 63<br>64 | $\dashv$ | +        | +       | ┦┤        | +        | +       | ⊬   |   |       | 113        | $\vdash$ | $\sqcup$            |          |          |          | $\vdash$       |          | _        | _         |
| 15             | 15       | +  | H               |   | ┝┈┤      |          | H        | $\vdash$   | $\vdash$            |          |             | 65       | $\dashv$ | +        | +-      | $\vdash$  | +        | +       | ╁   |   |       | 114<br>115 | $\vdash$ | $\vdash \vdash$     | $\vdash$ | _        |          | $\dashv$       |          |          | $\dashv$  |
| 14             | 16       | $\dagger \dagger$                                | H               |   | $\vdash$ | H        | H        | $\vdash$   | +-                  |          |             | 66       | $\dashv$ | +        | +       | $\forall$ | +        | +       | +-  |   | -     | 116        | Н        | ├─┤                 | $\vdash$ |          | $\dashv$ | -              |          | $\dashv$ | $\dashv$  |
| 16<br>17       | 17       | Ħ  | Н               |   | Н        | Н        | Н        | -          | $\vdash$            |          |             | 67       | $\dashv$ | +-       | +       | H         | +-       | +       | +   |   |       | 117        |          | $\vdash$            |          |          | Н        |                | $\dashv$ | $\dashv$ | $\dashv$  |
| 18             | 18       | Ħ  | П               |   | П        |          |          |            | 1                   |          |             | 68       | $\dashv$ |          | +       |           | _        | +       | +   |   |       | 118        | -        | $\vdash$            |          |          |          |                |          |          | $\dashv$  |
| 18             | 19       | П  |                 |   |          |          |          |            |                     |          |             | 69       |          | _        | 1       | П         |          |         |   |   |       | 119        |          | $\vdash$            |          |          |          |                |          | _        |           |
| 20             | 20       | П  |                 |   |          |          |          |            |                     |          |             | 70       | T        | _        |         | $\Box$    |          | T       |   |   |       | 120        |          |                     |          |          |          | 一              | 1        | _        |           |
| 21             | 21       | Ц  |                 |   |          |          |          |            |                     |          |             | 71       |          |          |         |           |          |         |   |   |       | 121        |          |                     |          |          |          |                |          |          |           |
| 22             | 22       | Ш  |                 |   |          |          |          |            |                     |          |             | 72       |          |          |         |           |          |         |   |   |       | 122        |          |                     |          |          |          |                |          |          |           |
| 23             | 23       | Ц  | Ш               |   |          |          |          |            | Ш                   |          |             | 73       |          |          | ļ       |           |          |         |   |   |       | 123        |          |                     |          |          |          |                |          |          |           |
| 24<br>25       | 24       | ₩.   |                 |   |          |          |          |            | $\sqcup$            | _        |             | 74       | _        |          |         | Ш         |          | $\bot$  |   |   |       | 124        |          | _                   |          |          |          |                |          |          |           |
| 25             | 25       | ╟  | Н               |   | -        | -        | $\Box$   | _          |                     |          | -           | 75       | _        | _ _      | 4       | $\sqcup$  | -        |         | lacksquare  |   |       | 125        |          |                     |          |          |          |                |          |          | _         |
| 26             | 26<br>27 | ₩  | H               |   |          |          | $\dashv$ | _          | ╁┤                  |          |             | 76       |          |          | _       | $\vdash$  |          |         | <del>  -</del> -  |   |       | 126        |          | -                   | _        |          |          |                | $\dashv$ |          | _         |
| 27             | 28       | H  | H               |   | $\dashv$ |          | $\dashv$ |            | ╁┼┤                 |          |             | 77<br>78 | -        |          | -       |           |          | +       | -   |   |       | 127        |          | $\dashv$            |          |          | -        | _              | -        |          | 4         |
| 29             | 29       | ╫  | $\vdash$        |   | $\dashv$ |          |          | —          | H                   | _        |             | 79       |          | -        |         | $\vdash$  | -+       | +       | ┿   |   | -     | 128<br>129 |          | -                   |          | $\dashv$ | $\dashv$ |                |          | -        | -         |
| 29<br>30       | 30       | 1  | $\Box$          |   | $\vdash$ |          |          | _          | $\vdash$            |          |             | 80       |          | +        |         |           | $\dashv$ | +       | +   |   |       | 130        | $\vdash$ |                     | $\dashv$ | -        | $\dashv$ | -              | -        | $\dashv$ | $\dashv$  |
| 3i             | 31       | 1  | $\Box$          | _ | П        |          |          |            | $\Box$              |          |             | 81       | _        | $\top$   |         | H         | 1        | +       | †   |   |       | 131        | $\vdash$ | $\dashv$            | -        | $\dashv$ |          | 1              | $\dashv$ | -        | $\dashv$  |
| 32             | 32       |  |                 |   |          |          |          |            | $\sqcap$            |          |             | 82       |          |          |         | T         |          |         | T   |   |       | 132        | П        | $\neg$              | ᅥ        |          | $\neg$   | $\dashv$       | $\neg$   | $\neg$   | 一         |
| 32<br>33<br>34 | 33       |  |                 |   |          |          |          |            |                     |          |             | 83       |          |          |         |           |          |         |   |   |       | 133        |          |                     |          |          | $\neg$   |                |          | $\neg$   | $\neg$    |
| 34             | 34       | 三  |                 |   |          |          |          |            |                     |          |             | 84       |          |          |         |           |          |         | Ľ   |   |       | 134        |          |                     |          |          |          | Ì              |          |          | I         |
|                | 35       | <u> </u>   | Ш               |   |          |          |          | _          |                     |          |             | 85       | _        |          |         |           |          | $\perp$ | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ |   |       | 135        |          |                     |          |          |          |                |          |          |           |
|                | 36       | _  |                 | _ |          | -        |          | _          | -                   |          |             | 86       | 4        |          | $\perp$ |           |          | 4       | <u> </u>  |   |       | 136        |          |                     | $\dashv$ | _        | _        |                | _        | _        | _         |
|                | 37<br>38 | _  | $\vdash$        | _ | -        |          |          |            | $\vdash$            |          |             | 87       | -        | -        | +-      | $\vdash$  | _        | -       | ╄-  |   |       | 137        | $\Box$   |                     |          | _        | _        | _              | _        | _        | _         |
|                | 39       | -  | $\vdash$        |   | $\dashv$ | $\dashv$ |          |            | $\vdash$            | _        |             | 88<br>89 | $\dashv$ | +-       | +       | $\vdash$  | +-       | +       | +   |   |       | 138        | $\Box$   | _                   |          | $\dashv$ |          |                | $\dashv$ | 4        | _         |
|                | 40       | -  | $\vdash$        |   | -        |          |          |            | $\vdash$            |          |             | 90       | $\dashv$ | +        | +       | H         | -+       | +       |   |   |       | 139<br>140 |          |                     |          |          |          | $\dashv$       | -        | 4        |           |
|                | 41       | <del> </del>                                     | H               | - |          | $\dashv$ |          | _          | ┼┤                  |          |             | 91       | -        |          | +       | H         | +        | +       | +-  |   |       | 141        |          | $\dashv$            |          |          |          | $\dashv$       | +        |          | $\dashv$  |
|                | 42       | <del>                                     </del> | $\Box$          |   | -        |          |          | _          | $\vdash$            |          |             | 92       | $\dashv$ | -        | +       | $\vdash$  | 十        | +       | +-  |   |       | 142        | -        |                     | _        |          |          | $\dashv$       | $\dashv$ | +        | $\dashv$  |
|                | 43       |  |                 |   |          | $\neg$   | $\neg$   | _          | -                   |          |             | 93       | 寸        | _        | $\top$  | П         | 十        | +       |   |   |       | 143        | $\neg$   | $\dashv$            | $\dashv$ | $\dashv$ | ᅱ        | -              | +        | $\dashv$ | $\dashv$  |
|                | 44       |  |                 |   |          |          |          |            |                     |          |             | 94       | 1        | $\top$   | T       | П         | $\neg$   | $\top$  |   |   |       | 144        | $\neg$   | $\dashv$            |          |          | $\dashv$ | -+             | $\dashv$ | $\dashv$ | $\dashv$  |
|                | 45       |  |                 |   |          |          |          |            |                     |          |             | 95       |          |          | $\perp$ |           |          | Τ       |   |   |       | 145        |          | 寸                   | $\neg$   |          |          | $\neg \dagger$ | _        | $\dashv$ | $\dashv$  |
| ]              | 46       | _  | Ш               |   | [        |          |          |            | П                   |          |             | 96       |          |          |         |           | I        |         |   |   |       | 146        |          |                     |          |          |          |                |          | T        | ٦         |
|                | 47       | <u> </u>   |                 |   | _        | _        | _        |            | Ш                   | _        |             | 97       | $\perp$  |          | L       | $\Box$    | $\bot$   |         |   |   |       | 147        |          |                     |          |          |          |                |          |          |           |
|                | 48       | _  | $\vdash \vdash$ | _ | 4        | _        | _        |            | $\vdash \downarrow$ | _        |             | 98       | 4        | _        | $\bot$  | $\sqcup$  |          |         |   |   |       | 148        |          | $\Box$              |          |          |          | $\Box$         | $\Box$   | J        | $\Box$    |
|                | 49       | -  | $\vdash \vdash$ | - |          |          | -        |            | $\vdash \vdash$     | _        |             | 99       | -        | -        | -       | $\sqcup$  | _        | $\perp$ | <b> </b>  |   |       | 149        | _        | _ļ                  |          | _        | _        | $\dashv$       |          |          | $\Box$    |
|                | 50       | Ŀ_   | ᆫᆚ              |   |          |          |          |            | $oxed{oxed}$        |          | <br>        | 100      | $\bot$   |          |         | I_ L      | _        |         |   |   |       | 150        |          | - 1                 | - 1      | - 1      | - 1      | ŀ              | - 1      | - 1      |           |